

Technical Specifications

Symmetra™ PX 96 and 160 kW

380/400/415 V



APCTM
by Schneider Electric

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Technical Data

Model List

The Symmetra PX 96/160 kW system is available in the following models:

Symmetra PX 96 kW 400 V

- Symmetra PX 32 kW Scalable to 96 kW
- Symmetra PX 32 kW Scalable to 96 kW with Integrated Modular Distribution
- Symmetra PX 64 kW Scalable to 96 kW
- Symmetra PX 64 kW Scalable to 96 kW with Integrated Modular Distribution
- Symmetra PX 96 kW
- Symmetra PX 96 kW with Integrated Modular Distribution (shown)

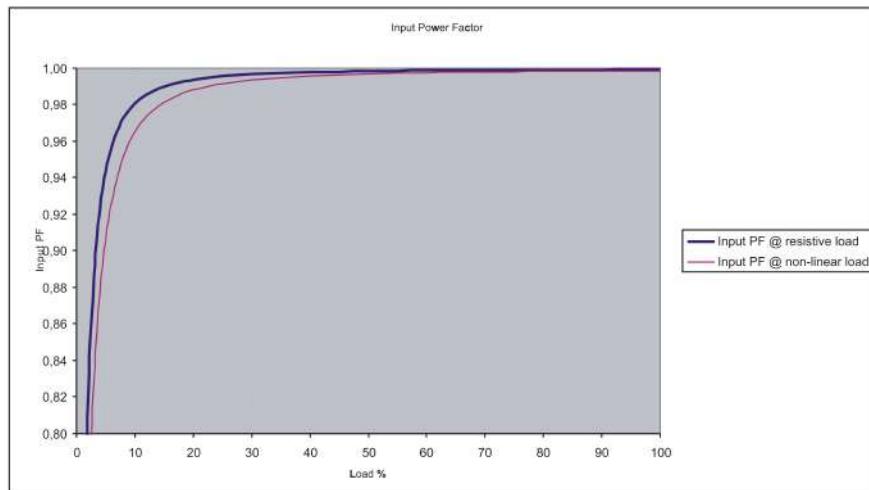


Symmetra PX 160 kW 400 V

- Symmetra PX 32 kW Scalable to 160 kW
- Symmetra PX 32 kW Scalable to 160 kW with Integrated Modular Distribution
- Symmetra PX 64 kW Scalable to 160 kW
- Symmetra PX 64 kW Scalable to 160 kW with Integrated Modular Distribution
- Symmetra PX 96 kW Scalable to 160 kW
- Symmetra PX 96 kW Scalable to 160 kW with Integrated Modular Distribution
- Symmetra PX 128 kW Scalable to 160 kW
- Symmetra PX 128 kW Scalable to 160 kW with Integrated Modular Distribution
- Symmetra PX 160 kW
- Symmetra PX 160 kW with Integrated Modular Distribution (shown)



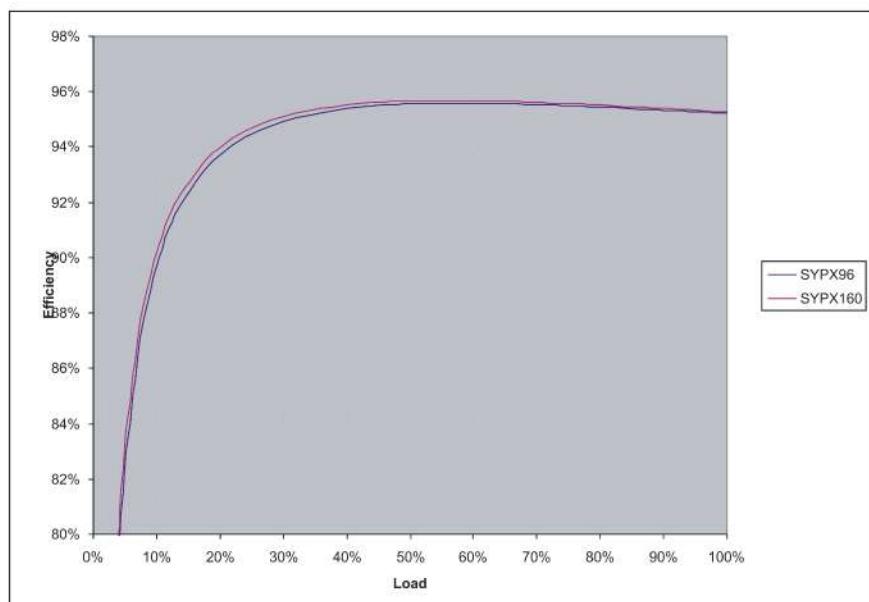
Input Power Factor



Efficiency (TÜV certified)

System	25% load	50% load	75% load	100% load
Symmetra PX 96 kW 400 V	94.5	95.6	95.5	95.2
Symmetra PX 160 kW 400 V	94.7	95.7	95.6	95.3

Efficiency Curves



Derating due to Load Power Factor

The Symmetra PX 96/160 kW exhibits no derating due to leading or lagging load power factor

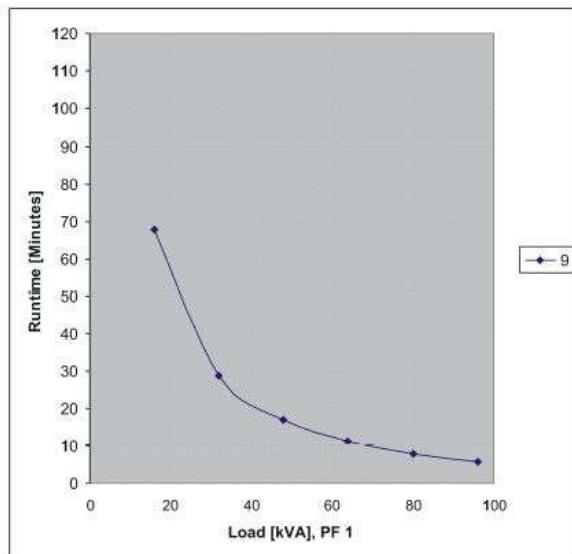
Batteries

Efficiency DC to AC

	96 kW			160 kW		
	380 V	400 V	415 V	380 V	400 V	415 V
Efficiency at nom battery voltage (%)	95%	95%	95%	95%	95%	95%

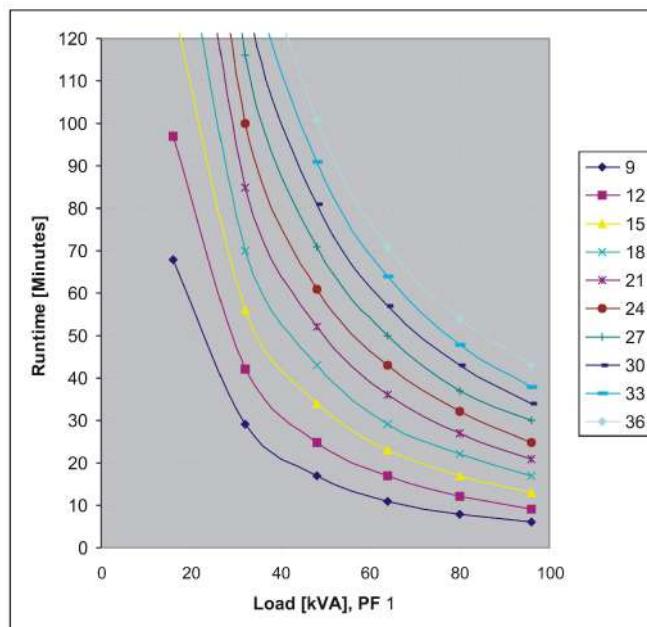
Battery Run-Times — APC Battery Solution

Symmetra PX 96 kW Battery Run-Times (Minutes) — APC Battery Solution



	Load kW					
# of bat shelves	16	32	48	64	80	96
9	68	29	17	11	8	6

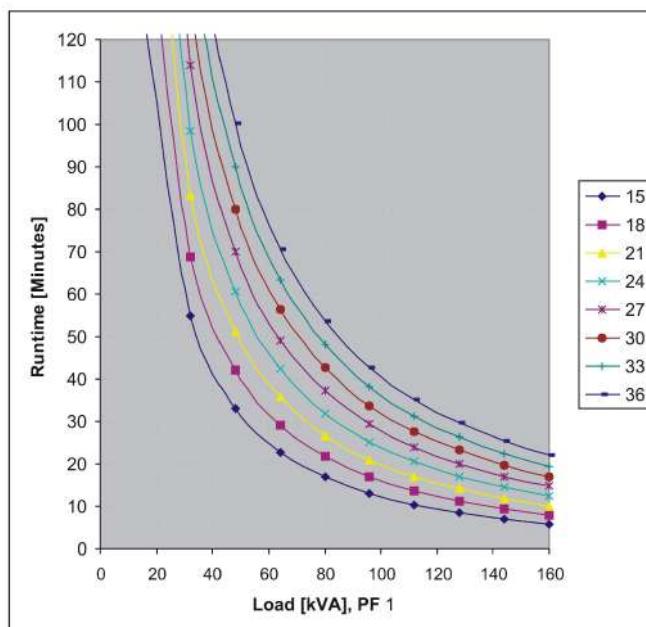
Symmetra PX 96 kW Battery Run-Times (Minutes) — Extended APC Battery Solution



# of battery enclosures	# of bat shelves	Load kW					
		16	32	48	64	80	96
1	9	68	29	17	11	8	6
2	10	77	33	20	13	9	7
	11	87	38	22	15	11	8
	12	97	42	25	17	12	9
	13	107	47	28	19	14	11
	14	117	51	31	21	15	12
	15	128	56	34	23	17	13
	16	138	61	37	25	19	14
	17	149	65	40	27	20	16
	18	160	70	43	29	22	17
3	19	171	75	46	32	24	18
	20	182	80	49	34	25	20
	21	193	85	52	36	27	21
	22	204	90	55	38	29	23
	23	216	95	58	41	30	24
	24	227	100	61	43	32	25
	25	238	106	64	45	34	27
	26	250	111	68	47	36	28
	27	262	116	71	50	37	30

# of battery enclosures	# of bat shelves	Load kW					
		16	32	48	64	80	96
4	28	274	121	74	52	39	31
	29	286	127	78	54	41	33
	30	298	132	81	57	43	34
	31	310	137	84	59	45	35
	32	322	143	88	62	47	37
	33	334	148	91	64	48	38
	34	346	154	95	66	50	40
	35	359	160	98	69	52	42
	36	371	165	101	71	54	43

Symmetra PX 160 kW Battery Run-Times (Minutes) — APC Battery Solution

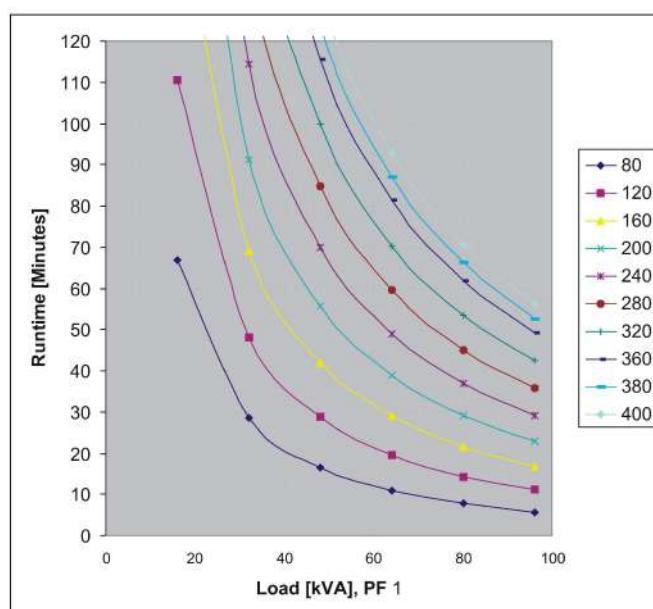


# of battery enclosures	# of bat shelves	Load kW									
		16	32	48	64	80	96	112	128	144	160
PDU– XR and 1 XR Battery Enclosures	15	123	55	33	23	17	13	10	8	7	6
	16	133	59	36	25	18	14	11	9	8	7
	17	144	64	39	27	20	16	13	10	9	7
	18	154	69	42	29	22	17	14	11	9	8

# of battery enclosures	# of bat shelves	Load kW									
		16	32	48	64	80	96	112	128	144	160
PDU– XR and 2 XR Battery Enclosures	19	165	74	45	31	23	18	15	12	10	9
	20	175	79	48	33	25	20	16	13	11	9
	21	186	83	51	36	27	21	17	14	12	10
	22	197	88	54	38	28	22	18	15	13	11
	23	208	93	57	40	30	24	19	16	14	12
	24	219	98	60	42	32	25	20	17	14	12
	25	230	104	64	45	34	27	22	18	15	13
	26	241	109	67	47	35	28	23	19	16	14
	27	252	114	70	49	37	29	24	20	17	15
PDU– XR and 3 XR Battery Enclosures	28	264	119	73	52	39	31	25	21	18	16
	29	275	124	77	54	41	32	26	22	19	16
	30	287	130	80	56	43	34	28	23	20	17
	31	298	135	83	59	44	35	29	24	21	18
	32	310	140	87	61	46	37	30	25	22	19
	33	322	146	90	63	48	38	31	26	23	20
	34	334	151	93	66	50	40	33	27	23	20
	35	346	156	97	68	52	41	34	28	24	21
	36	358	162	100	71	54	43	35	30	25	22

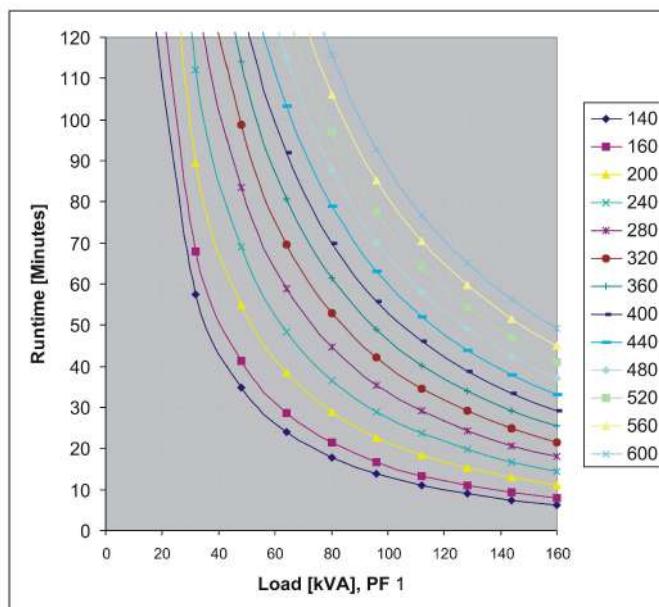
Battery Run-Times — Non-Modular Batteries

Symmetra PX 96 kW Battery Run-Times (Minutes) — Non-Modular Batteries



Battery Ah		Load kW					
20 hr rate Ah	Approx. Equivalent 10 hr rate Ah	16	32	48	64	80	96
80	74	67	29	17	11	8	6
100	93	88	38	23	15	11	8
120	112	111	48	29	20	14	11
140	130	134	59	35	24	18	14
160	149	157	69	42	29	22	17
180	167	182	80	49	34	25	20
200	186	207	91	56	39	29	23
220	205	323	103	63	44	33	26
240	223	258	114	70	49	37	29
260	242	284	126	77	54	41	32
280	260	311	138	85	60	45	36
300	279	338	150	92	65	49	39
320	298	366	163	100	70	53	42
340	316	393	175	108	76	58	46
360	335	421	188	116	81	62	49
380	353	450	201	124	87	66	53
400	372	479	213	132	93	71	56

Symmetra PX 160 kW Battery Run-Times (Minutes) — Non-Modular Batteries



Battery Ah		Load kW									
20 hr rate Ah	Approx. Equivalent 10 hr rate Ah	16	32	48	64	80	96	112	128	144	160
140	130	129	57	35	24	18	14	11	9	7	6
160	149	152	68	41	29	21	17	13	11	9	8
180	167	175	79	48	33	25	20	16	13	11	9

Battery Ah		Load kW										
20 hr rate Ah		Approx. Equivalent 10 hr rate Ah	16	32	48	64	80	96	112	128	144	160
200	186	199	90	55	38	29	23	18	15	13	11	
220	205	224	101	62	43	33	26	21	18	15	13	
240	223	249	112	69	48	37	29	24	20	17	14	
260	242	274	124	76	54	41	32	26	22	19	16	
280	260	300	135	84	59	45	35	29	24	21	18	
300	279	326	147	91	64	49	39	32	27	23	21	
320	298	352	160	99	70	53	42	35	29	25	22	
340	316	379	172	106	75	57	45	37	31	27	23	
360	335	406	184	114	81	61	49	40	34	29	25	
380	353	434	197	122	86	66	52	43	36	31	27	
400	372	461	209	130	92	70	56	46	39	33	29	
420	391	489	222	138	98	74	59	49	41	36	31	
440	409	518	235	146	103	79	63	52	44	38	33	
460	428	546	248	154	109	83	67	55	47	40	35	
480	446	575	261	162	115	88	70	58	49	42	37	
500	465	604	275	171	121	92	74	61	52	45	39	
520	484	633	288	179	127	97	78	64	54	47	41	
540	502	663	301	187	133	102	81	67	57	49	43	
560	521	692	315	196	139	106	85	70	60	52	45	
580	539	722	329	204	145	111	89	74	62	54	47	
600	558	752	342	213	151	116	93	77	65	56	49	

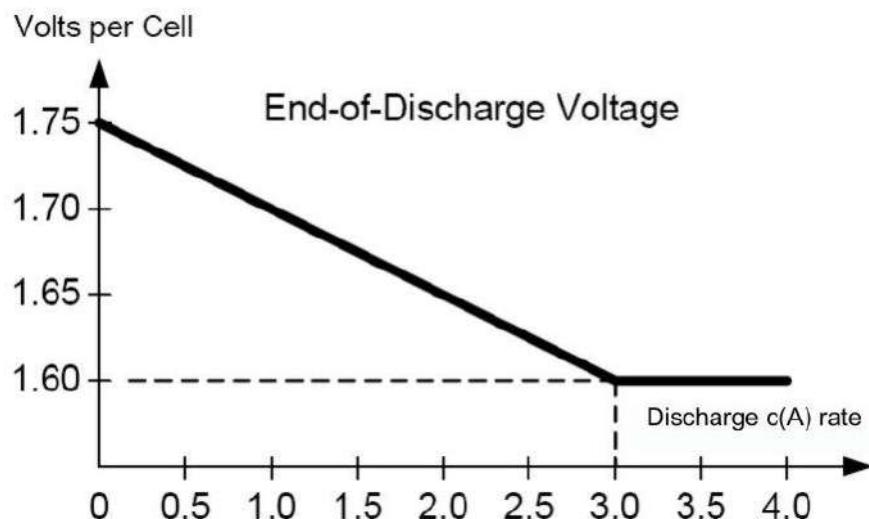
Battery Discharge Current

	96 kW	160 kW
I bat @ bat nominal , 100% load	265	441
I bat @ bat min , 100% load	330	550
I bat @ bat min , 150% load	495	825

End of Discharge Voltage at 100% Load

Note: The voltage is 1.6 to 1.75 per cell depending on load.





Note: C equals $I_{\text{discharge}}$ divided by the battery Ah capacity.



Electrolyte Values

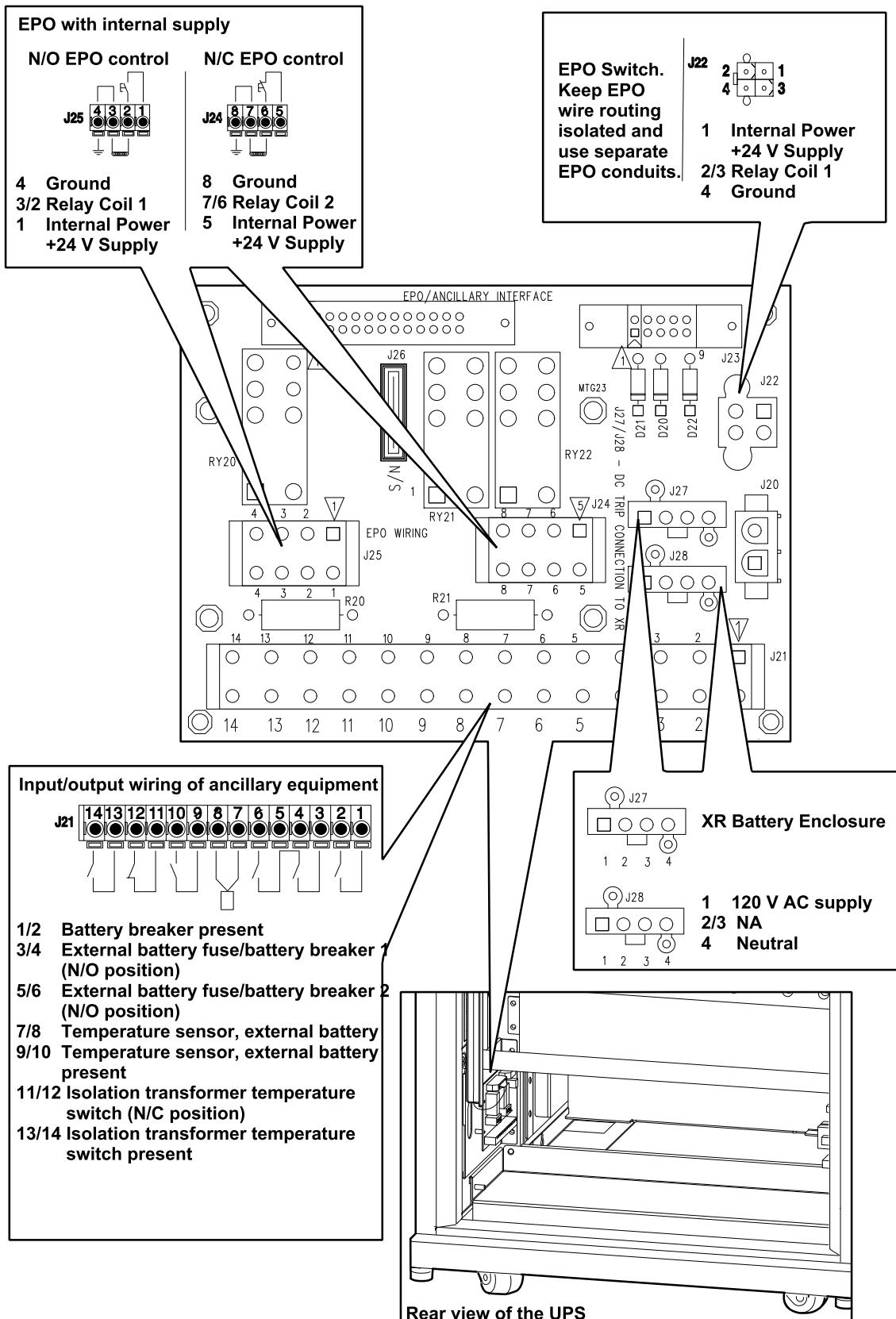
	Battery unit	String of batteries (4 battery units)
Electrolyte volume L (gal)	2.78 (0.61)	11.14 (2.45)
Electrolyte weight kg (lbs)	3.62 (7.98)	14.46 (31.90)
Sulfuric acid weight kg (lbs)	1.43 (3.16)	5.73 (12.6)

Communication and Management

Features

Available SmartSlot™ Interface Quantity	2
Control panel	Multi-function LCD status and control console
Audible alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Yes

EPO and Input/Output Contacts



Compliance

Regulatory Approvals

- EN 50091-1.
- EN/IEC 62040–1: Uninterruptible Power Systems (UPS). General and safety requirements for UPS, 2008 Operator access area.
- EN/IEC 62040–2: 2006 Uninterruptible Power Systems (UPS) Part 2. Electromagnetic compatibility (EMC) requirements. Class C1–UPS.
- EN/IEC 62040–3: 2011 Uninterruptible Power Systems (UPS). Method of specifying the performance and test requirements, 2001 Classifications; VFI-SS-111.

Facility Planning

AC Input Specifications

	96 kW			160 kW		
	380 V	400 V	415 V	380 V	400 V	415 V
Connection type	3PH + N + G					
Input frequency (Hz)	40–70					
THDI	< 5% at full load					
Nom input current (A)	154	146	141	256	243	234
Max input current (A)	169	160	155	281	267	258
Input current limitation (A)	197	197	197	295	295	295
Input power factor correction	> 0.98 at load > 50%					

AC Bypass Input Specifications

	96 kW			160 kW		
	380 V	400 V	415 V	380 V	400 V	415 V
Connection type	3PH + N + G					
Input frequency (Hz)	40–70					
Nom input current (A)	147	139	134	243	231	223

AC Output Specifications

	96 kW			160 kW		
	380 V	400 V	415 V	380 V	400 V	415 V
Connection type	3PH + N + G					
Output capacity	150% for 30 seconds (normal operation) 125% for 10 minutes (normal operation) 150% for 30 seconds (battery operation) 125% for 10 minutes (battery operation) 125% continuous (bypass operation) 1000% for 100 ms (bypass operation)					
Nom output current (A)	147	139	134	243	231	223
Output frequency (sync to bypass)	47–53 Hz for 50 Hz nominal ¹					
Slew rate (Hz/Sec)	Programmable to 0.25, 0.5, 1, 2, 4, and 6					
THDU	< 2% linear < 5% non-linear					
Output power factor	0.5 leading to 0.5 lagging without derating					
Dynamic load response	+/- 5%					
Output voltage regulation	+/- 1%					
Crest factor	2,7					

¹ The following options can be selected: 40–60 Hz, 47–53 Hz, 49.9–50.1 Hz.

Battery Specifications

Type	Sealed lead acid
Nominal voltage (VDC)	+/- 192 Vdc (96 cells at 2 V)
Float voltage (VDC)	+/- 218 Vdc (96 cells at 2.27 V)
End of discharge voltage at full load (VDC)	+/- 154 Vdc (96 cells at 1.6 V)
Max charging power	96 kW: 9.6/19.2 kW display selectable 160 kW: 16/32 kW display selectable Input current limit may lower charging capability in some line and load conditions.
Typical re-charge time (to 80% of capacity)	3.5 hour

Recommended Cable Sizes



Note: Input and output neutral wires must be rated for 173% of phase load if feeding switch mode power supply loads without input power factor corrections.



Note: Copper wires must be used for input/output wiring.

Fuses and Breakers

Single and Dual Mains Systems

	96 kW 400 V		160 kW 400 V	
	Fuse	Breaker (A)	Fuse	Breaker (A)
Mains input Q1	200 A gL type fuse	225	315 A gL type fuse	400
Static bypass input Q5	160 A gL type fuse	160	250 A gL type fuse	250
UPS output Q2	160 A gL type fuse	160	250 A gL type fuse	250
Maintenance bypass Q3	-	160	-	250

Physical

Weights and Dimensions

	Part number	Weight kg	Maximum Height mm	Maximum Width mm	Maximum Depth mm
Symmetra PX 32 kW Scalable to 160 kW 400V	SY32K160H	1029	1991	1200	1070
Symmetra PX 32 kW Scalable to 160 kW 400 V w/ Integrated Modular Distribution	SY32K160H-PD	1095	1991	1200	1070
Symmetra PX 32 kW Scalable to 96 kW 400 V	SY32K96H	1029	1991	1200	1070
Symmetra PX 32 kW Scalable to 96 kW 400 V with Modular Power Distribution	SY32K96H-PD	1095	1991	1200	1070
Symmetra PX 64 kW Scalable to 160 kW 400 V	SY64K160H	1388	1991	1200	1070
Symmetra PX 64 kW Scalable to 160 kW 400 V w/ Integrated Modular Distribution	SY64K160H-PD	1454	1991	1200	1070
Symmetra PX 64 kW Scalable to 96 kW 400 V	SY64K96H	1388	1991	1200	1070
Symmetra PX 64 kW Scalable to 96 kW 400 V with Modular Power Distribution	SY64K96H-PD	1454	1991	1200	1070
Symmetra PX 96 kW Scalable to 160 kW 400 V	SY96K160H	1748	1991	1200	1070
Symmetra PX 96 kW Scalable to 160 kW 400 V w/ Integrated Modular Distribution	SY96K160H-PD	1814	1991	1200	1070
Symmetra PX 96 kW Scalable 400 V	SY96K96H	1748	1991	1200	1070
Symmetra PX 96 kW Scalable 400 V with Modular Power Distribution	SY96K96H-PD	1814	1991	1200	1070
Symmetra PX 128 kW Scalable to 160 kW 400 V	SY128K160H	2452	1991	1800	1070
Symmetra PX 128 kW Scalable to 160 kW 400 V w/ Integrated Modular Distribution	SY128K160H-PD	2518	1991	1800	1070
Symmetra PX 160 kW 400 V	SY160K160H	2812	1991	1800	1070
Symmetra PX 160 kW 400 V w/ Integrated Modular Distribution	SY160K160H-PD	2878	1991	1800	1070

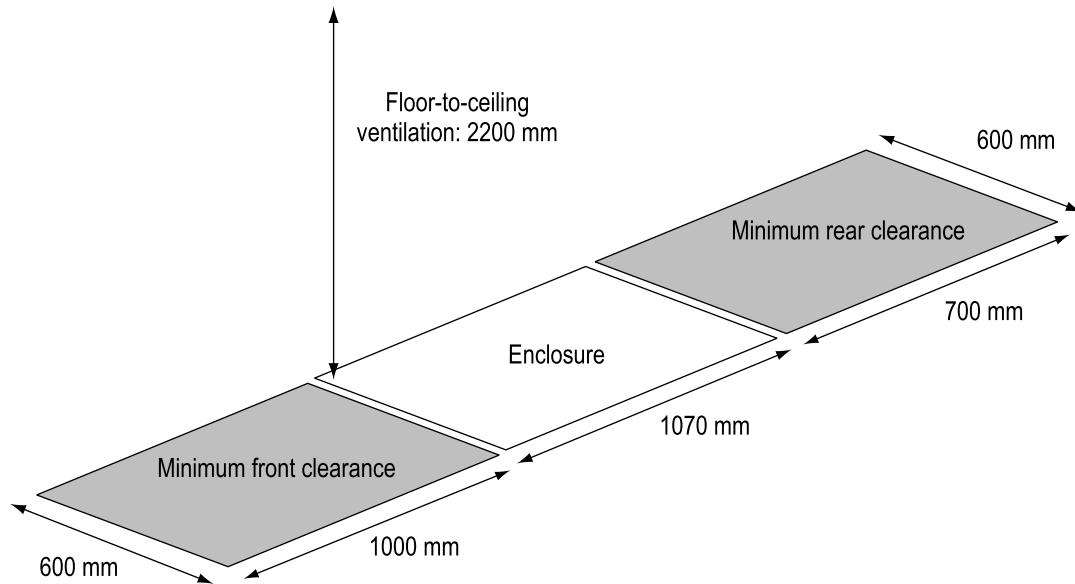
Shipping Weights and Dimensions

	Part number	Weight kg	Height mm	Width mm	Depth mm
Symmetra PX 32 kW Scalable to 160 kW 400V	SY32K160H	1124	2140	1696	1210
Symmetra PX 32 kW Scalable to 160 kW 400 V w/ Integrated Modular Distribution	SY32K160H-PD	1189	2140	1696	1210
Symmetra PX 32 kW Scalable to 96 kW 400 V	SY32K96H	1124	2140	1696	1210
Symmetra PX 32 kW Scalable to 96 kW 400 V with Modular Power Distribution	SY32K96H-PD	1189	2140	1696	1210
Symmetra PX 64 kW Scalable to 160 kW 400 V	SY64K160H	1511	2140	1696	1210
Symmetra PX 64 kW Scalable to 160 kW 400 V w/ Integrated Modular Distribution	SY64K160H-PD	1576	2140	1696	1210
Symmetra PX 64 kW Scalable to 96 kW 400 V	SY64K96H	1511	2140	1696	1210
Symmetra PX 64 kW Scalable to 96 kW 400 V with Modular Power Distribution	SY64K96H-PD	1576	2140	1696	1210
Symmetra PX 96 kW Scalable to 160 kW 400 V	SY96K160H	1898	2140	1696	1210
Symmetra PX 96 kW Scalable to 160 kW 400 V w/ Integrated Modular Distribution	SY96K160H-PD	1963	2140	1696	1210
Symmetra PX 96 kW Scalable 400 V	SY96K96H	1898	2140	1696	1210
Symmetra PX 96 kW Scalable 400 V with Modular Power Distribution	SY96K96H-PD	1963	2140	1696	1210
Symmetra PX 128 kW Scalable to 160 kW 400 V	SY128K160H	2664	2140	2544	1210
Symmetra PX 128 kW Scalable to 160 kW 400 V w/ Integrated Modular Distribution	SY128K160H-PD	2729	2140	2544	1210
Symmetra PX 160 kW 400 V	SY160K160H	3051	2140	2544	1210
Symmetra PX 160 kW 400 V w/ Integrated Modular Distribution	SY160K160H-PD	3116	2140	2544	1210

Clearance



Note: Clearance dimensions are published for airflow and service access only. Consult with the local safety codes and standards for additional requirements in your local area.



Environmental

Operating Temperature	0 to 40 °C
Storage Temperature	-15 to 40 °C
Operating Relative Humidity	0 - 95%
Storage Relative Humidity	0 - 95%
Operating Elevation	0-1000 m: 100% load 1000–1500 m: 95% load 1500–2000 m: 91% load 2000–2500 m: 86% load 2500–3000 m: 82% load
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	63.00 dBA
Protection Class	NEMA 1
Colour	Black

Heat Dissipation



Note: Full load heat loss at nominal mains and fully charged batteries.

	32 kW	64 kW	96 kW	128 kW	160 kW
Heat dissipation kWh (BTU/hr)	1.68 (5748.00)	3.37 (11496.00)	5.05 (17244.00)	6.73 (22992.00)	8.42 (28741.00)

Drawings

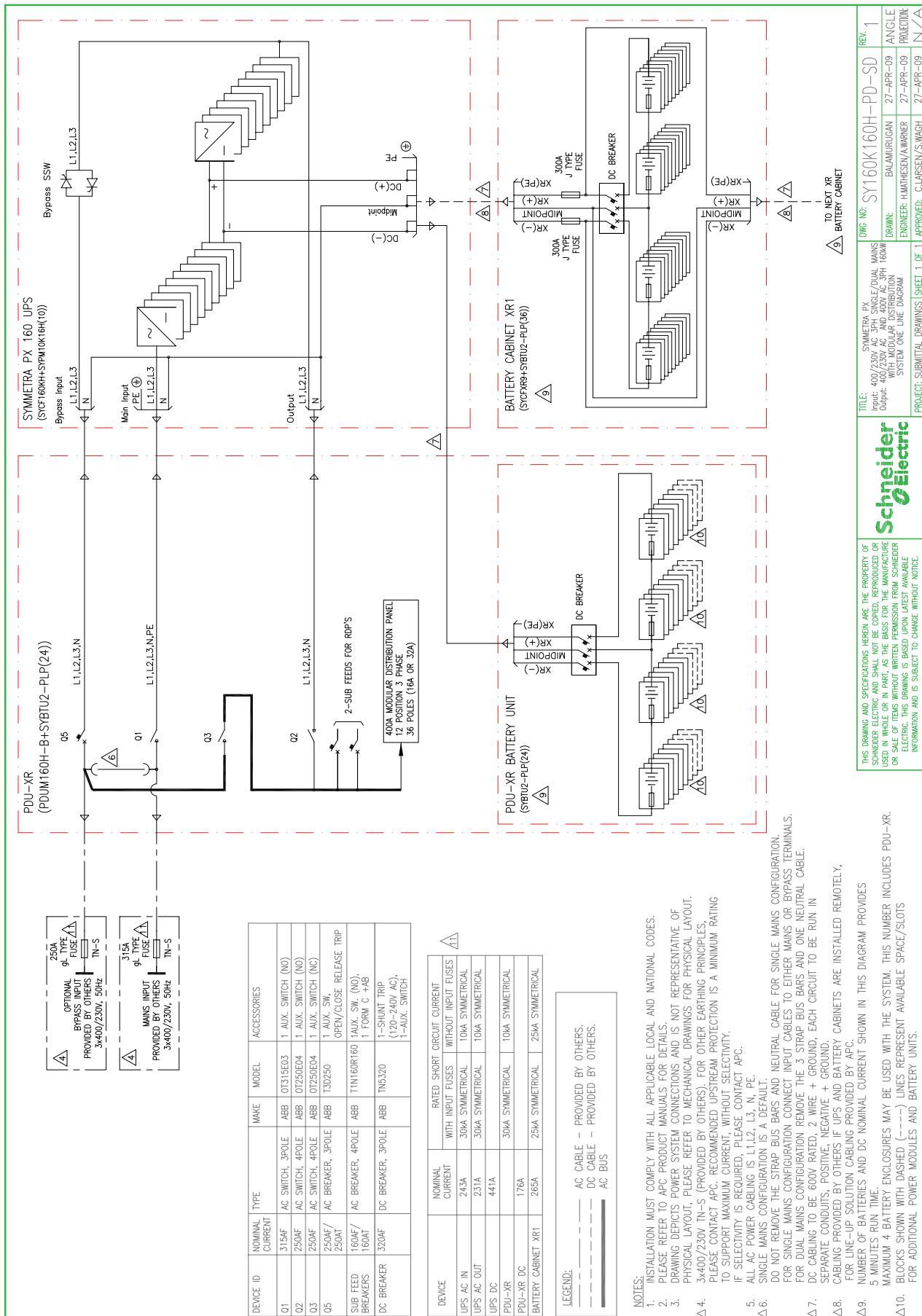


Note: A comprehensive set of drawings is available on the engineering website at www.engineer.apc.com.



Note: These drawings are for reference ONLY — subject to change without notice.

Symmetra PX Single System with PDU-XR



Options

Hardware Options

Batteries

APC High-Performance Battery Module for 400V Symmetra PX 48/96/160kW & 208V Symmetra PX 100 KW	SYBT9-B4
APC Symmetra PX Battery Frame for 400V PX 96/160kW & 208V PX 100kW for 9 Battery Modules	SYCFXR9
APC Symmetra PX Battery Frame for 400V PX 96/160kW & 208V PX 100kW with 9 Battery Modules & Startup	SYCFXR9-9
APC Symmetra PX Battery Frame for 400V PX 96/160kW & 208V PX 100kW for 9 Battery Modules & Startup	SYCFXR9-S

Power Module

APC Symmetra PX Power Module, 10/16kW, 400V	SYPM10K16H
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Modular Power Accessories

APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 1080cm	PDX316IEC-1080
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 120cm	PDX316IEC-120
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 1200cm	PDX316IEC-1200
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 240cm	PDX316IEC-240
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 360cm	PDX316IEC-360
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 480cm	PDX316IEC-480
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 600cm	PDX316IEC-600
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 720cm	PDX316IEC-720
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 840cm	PDX316IEC-840
APC Modular IT Power Distribution Cable Extender 3 Wire 16A IEC309 960cm	PDX316IEC-960
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 1080cm	PDX332IEC-1080
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 120cm	PDX332IEC-120
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 1200cm	PDX332IEC-1200
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 240cm	PDX332IEC-240
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 360cm	PDX332IEC-360
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 480cm	PDX332IEC-480
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 600cm	PDX332IEC-600
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 720cm	PDX332IEC-720
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 840cm	PDX332IEC-840
APC Modular IT Power Distribution Cable Extender 3 Wire 32A IEC309 960cm	PDX332IEC-960
APC IT Power Distribution Module 3x1 Pole 3 Wire 16A 3xIEC309 300cm, 360cm, 420cm	PDM1316IEC-3P

APC IT Power Distribution Module 3x1 Pole 3 Wire 32A 3xIEC309 300cm, 360cm, 420cm	PDM1332IEC-3P
APC IT Power Distribution Module 3x1 Pole 3 Wire 32A 3xIEC309 480cm, 540cm, 600cm	PDM1332IEC-3P-2
APC IT Power Distribution Module 3x1 Pole 3 Wire 32A 3xIEC309 660cm, 720cm, 780cm	PDM1332IEC-3P-3
Power Dist. Mod. 3x1 POLE 3 WIRE RCD 32A 3xIEC309 300CM, 360CM, 420CM	PDM2332IEC-3P30R-1
Power Dist. Mod. 3x1 POLE 3 Wire RCD 32A 3xIEC309 480CM, 540CM, 600CM	PDM2332IEC-3P30R-2
Power Dist. Mod. 3x1 POLE 3 Wire RCD 32A 3xIEC309 660CM, 720CM, 780CM	PDM2332IEC-3P30R-3
Power Dist. Mod. 3 Pole 5 Wire RCD 16A 30mA IEC309 1040CM	PDM316IEC-30R-1040
Power Dist. Mod. 3 Pole 5 Wire RCD 16A 30mA IEC309 140CM	PDM316IEC-30R-140
Power Dist. Mod. 3 Pole 5 Wire RCD 16A 30mA IEC309 320CM	PDM316IEC-30R-320
Power Dist. Mod. 3 Pole 5 Wire RCD 16A 30mA IEC309 500CM	PDM316IEC-30R-500
Power Dist. Mod. 3 Pole 5 Wire RCD 16A 30mA IEC309 680CM	PDM316IEC-30R-680
Power Dist. Mod. 3 Pole 5 Wire RCD 16A 30mA IEC309 860CM	PDM316IEC-30R-860
Power Dist. Mod. 3 Pole 5 Wire RCD 32A 30mA IEC309 1040CM	PDM332IEC-30R-1040
Power Dist. Mod. 3 Pole 5 Wire RCD 32A 30mA IEC309 140CM	PDM332IEC-30R-140
Power Dist. Mod. 3 Pole 5 Wire RCD 32A 30mA IEC309 320CM	PDM332IEC-30R-320
Power Dist. Mod. 3 Pole 5 Wire RCD 32A 30mA IEC309 500CM	PDM332IEC-30R-500
Power Dist. Mod. 3 Pole 5 Wire RCD 32A 30mA IEC309 680CM	PDM332IEC-30R-680
Power Dist. Mod. 3 Pole 5 Wire RCD 32A 30mA IEC309 860CM	PDM332IEC-30R-860
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 1040cm	PDM3516IEC-1040
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 140cm	PDM3516IEC-140
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 200cm	PDM3516IEC-200
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 260cm	PDM3516IEC-260
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 320cm	PDM3516IEC-320
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 380cm	PDM3516IEC-380
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 440cm	PDM3516IEC-440
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 500cm	PDM3516IEC-500
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 560cm	PDM3516IEC-560
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 620cm	PDM3516IEC-620
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 680cm	PDM3516IEC-680
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 740cm	PDM3516IEC-740
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 80cm	PDM3516IEC-80
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 800cm	PDM3516IEC-800
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 860cm	PDM3516IEC-860
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 920cm	PDM3516IEC-920
APC IT Power Distribution Module 3 Pole 5 Wire 16A IEC309 980cm	PDM3516IEC-980
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 1040cm	PDM3532IEC-1040
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 140cm	PDM3532IEC-140
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 200cm	PDM3532IEC-200
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 260cm	PDM3532IEC-260
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 320cm	PDM3532IEC-320
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 380cm	PDM3532IEC-380

APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 440cm	PDM3532IEC-440
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 500cm	PDM3532IEC-500
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 560cm	PDM3532IEC-560
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 620cm	PDM3532IEC-620
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 680cm	PDM3532IEC-680
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 740cm	PDM3532IEC-740
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 800cm	PDM3532IEC-800
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 860cm	PDM3532IEC-860
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 920cm	PDM3532IEC-920
APC IT Power Distribution Module 3 Pole 5 Wire 32A IEC309 980cm	PDM3532IEC-980
APC Modular IT Power Distribution Cable Extender 5 Wire 16A IEC309 300cm	PDX516IEC-300
APC Modular IT Power Distribution Cable Extender 5 Wire 16A IEC309 600cm	PDX516IEC-600
APC Modular IT Power Distribution Cable Extender 5 Wire 32A IEC309 300cm	PDX532IEC-300
APC Modular IT Power Distribution Cable Extender 5 Wire 32A IEC309 600cm	PDX532IEC-600

Modular Power Distribution

APC Modular Rack Distribution Panel, 138kW, 200A, 400V, 18 Pole, 5U	PDPM138H-5U
APC Modular Rack-mounted Distribution Panel, 138kW, 200A, 400V, 18 Pole, 5U	PDPM138H-R
APC Modular Remote Power Panel, 277kW, 400A, 400V, 72 Pole, 300mm	PDPM277H

UPS Network Management Cards

UPS Network Management Card w/ Environmental Monitoring & Out of Band Management	AP9618
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Configuration Options

- Unity power factor corrected
- TÜV-verified high efficiency (95% at 30% load)
- Internal N+1 redundancy
- Hot swappable battery, power, and static bypass switch modules
- Main and redundant intelligence modules
- Service
- Automatic internal bypass
- Dual mains input
- Top or bottom feed
- Line-up/remote extended battery runtime frames
- Extended battery runtime available
- Service included
- Generator compatible
- Network manageable
- StruxureWare Central compatible
- Secondary Network Management Card
- SmartSlot device management cards
- Optional Modular PDU with maintenance bypass and hot-swappable power distribution modules

APC by Schneider Electric Limited Factory Warranty

Three Phase Power Products or Cooling Solutions One-Year Factory Warranty

The limited warranty provided by APC by Schneider Electric (APC®) in this Statement of Limited Factory Warranty applies only to products you purchase for your commercial or industrial use in the ordinary course of your business.

Terms of Warranty

American Power Conversion warrants that the product shall be free from defects in materials and workmanship for a period of one year from the date of product start-up when start-up is performed by APC authorized service personnel and occurs within six months of The APC shipment date. This warranty covers repairing or replacing any defective parts including on-site labor and travel. In the event that the product fails to meet the foregoing warranty criteria, the warranty covers repairing or replacing defective parts at the sole discretion of APC for a period of one year from the shipment date. For APC cooling solutions, this warranty does not cover circuit breaker resetting, loss of refrigerant, consumables, or preventive maintenance items. Repair or replacement of a defective product or part thereof does not extend the original warranty period. Any parts furnished under this warranty may be new or factory-remanufactured.

Non-transferable Warranty

This warranty is extended to the first person, firm, association or corporation (herein referred to by "You" or "Your") for whom the APC product specified herein has been purchased. This warranty is not transferable or assignable without the prior written permission of APC.

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APC will assign you any warranties which are made by manufacturers and suppliers of components of the APC product and which are assignable. Any such warranties are assigned "AS IS" and APC makes no representation as to the effectiveness or extent of such warranties, assumes no responsibility for any matters which may be warranted by such manufacturers or suppliers and extends no coverage under this Warranty to such components.

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APC warrants for the warranty period and on the terms of the warranty set forth herein that the APC product will substantially conform to the descriptions contained in the APC Official Published Specifications or any of the drawings certified and agreed to by contract with APC if applicable thereto ("Specifications"). It is understood that the Specifications are not warranties of performance and not warranties of fitness for a particular purpose.

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Worldwide Customer Support

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